

Pending Claims

The following listing of claims replaces all prior versions and listings of claims in this application:

Listing of Claims

1.-18. (Canceled)

19. (Amended) An article comprising:

an insulating sheet comprising first and second films secured to each other at a plurality of land areas to define a plurality of gas-filled cavities between the first and second films, wherein the insulating sheet defines a plurality of perforations through the first and second films in the land areas allowing water vapor to pass through the insulating sheet; and

a first backing sheet secured to the insulating sheet in generally contiguous relation to the insulating sheet, wherein the first backing sheet allows water vapor to pass through the first backing sheet while preventing liquid water from passing through the first backing sheet.

20. (Previously Presented) The article of Claim 19 further comprising a second backing sheet secured to the insulating sheet in generally contiguous relation to the insulating sheet, wherein the second backing sheet allows water vapor to pass through the second backing sheet while preventing liquid water from passing through the second backing sheet.

21. (Amended) The article of Claim 20 wherein the insulating sheet is positioned between the first backing sheet and the second backing sheet.

22. (Previously Presented) The article of Claim 19 wherein the first and second films comprise thermoplastic films and the first and second films are laminated together.

23. (Previously Presented) The article of Claim 19 wherein one or more of the first and second films comprise a coextruded film.

24. (Previously Presented) The article of Claim 19 wherein one or more of the first and second films comprises nylon.

25. (Canceled)

26. (Previously Presented) The article of Claim 19 wherein the first and second films comprise low density polyethylene.

27. (Amended) The article of Claim 19 wherein the first backing sheet comprises a thermoplastic polymer.

28. (Amended) The article of Claim 19 wherein the first backing sheet has a fusion temperature at least slightly above a fusion temperature associated with the first and second films.

29. (Amended) The article of Claim 19 wherein the first backing sheet comprises a high density polyethylene.

30. (Previously Presented) The article of Claim 19 wherein the first or second films comprise a polymer selected from polyvinyl chloride polymer, polyvinylidene chloride polymer, and olefinic polymer.

31. (Previously Presented) The article of Claim 30 wherein the olefinic polymer comprises polyethylene.

32. (Canceled)

33. (Amended) The article of Claim 19 wherein the first backing sheet comprises a non-woven polyester.

34. (Amended) The article of Claim 19 wherein the first backing sheet comprises an olefinic polymer.

35. (Previously Presented) The article of Claim 34 wherein the olefinic polymer comprises a polymer selected from one or more of polyethylene and polypropylene.

36. (Amended) The article of Claim 19 wherein the first backing sheet comprises thermoplastic fibers.

37. (Previously Presented) The article of Claim 36 wherein the thermoplastic fibers comprise olefinic polymer fibers.

38. (Previously Presented) The article of Claim 37 wherein the olefinic polymer fibers are selected from the group consisting of polyethylene fibers and polypropylene fibers.

39. (Amended) The article of Claim 19 wherein portions of the first backing sheet are laminated to the insulating sheet.

40. (Canceled)

41. (Amended) The article of Claim 19 wherein portions of the first backing sheet and the insulating sheet are adhesively secured to each other.

42.-43. (Canceled)

44. (Previously Presented) The article of Claim 19 comprising an adhesive along at least a portion of the insulating sheet for securing the article to a structure.

45. (Amended) The article of Claim 19 comprising an adhesive along at least a portion of the first backing sheet for securing the article ~~composite material~~ to a structure.

46. (Canceled)

47. (Amended) A method of forming the article of Claim 19 comprising the steps of:
providing the insulating sheet;
providing the first backing sheet; and
securing the first backing sheet in generally superposed, contiguous relation to the insulating sheet.

48. (Previously Presented) A method for insulating a structure comprising the step of at least partially wrapping the structure with the article of Claim 19.

49. (Previously Presented) The method of Claim 48 wherein the article is secured to the structure with an adhesive.

50. (Previously Presented) The method of Claim 48 wherein the structure comprises a building.